

supplying that activated carbon sorbent to a gas filtration vessel having a filter media therein until the filter media is coated with a layer of sorbent; and

introducing the effluent gas into the gas filtration vessel, wherein a sufficient amount of activated carbon sorbent is supplied to the gas filtration vessel to coat the filter media and facilitate intimate contact between the activated carbon sorbent and vapor phase pollutants and thus removing vapor phase pollutants from the effluent gas.